

Modern Stage and Ways of Development of Methods for the SOV/32-25-7-1/50
Non-destroying Control of Materials

plant started production of portable devices for gamma irradiation. The "magnetic powder method" for determination of material errors as well as the socalled "structuroscopic" methods and the electroinduction method are widely spread. The luminescence- and dyeing methods which are based on penetration of highly wetting liquids into the error spots, were also developed further to a great extent. Although the ultrasonic control methods are relatively new, their application is widely spread, however, with a view to obtaining a larger efficiency of these control methods, an automation for the control of standardized finished articles should be aimed at by the production of special devices. Resonance- and echo methods are discussed and, finally, it was pointed out that at present the development of the above mentioned control methods reached a stage in which their efficiency should be increased by the aid of mechanization and automation.

Card 2/2

ROZHDESTVENSKIY, S.N. (Yaroslavl' branch of the Rezinoprojekt)

Unit for Producing a non-formed foam rubber plate.

Report presented at the Third All-Union Conference on Automation and Mechanization of major rubber production processes, Dnepropetrovsk, 2-6 Oct 62

YAN'SHIN, Boris Ivanovich, kand. tekhn. nauk; LYZHIN, O.V., inzh.,
retsenzent; ROZHDESTVENSKIY, S.N., kand. tekhn. nauk, red.;
DANILOV, L.N., red. izd-va; CHERNOVA, Z.I., tekhn. red.

[Valves and tapers of pipe systems; study, design characteristics
and efficient shapes] Zatvory i perekhody truboprovodov; issledo-
vaniia, raschetnye kharakteristiki, ratsional'nye formy. Moskva,
Mashgiz, 1962. 179 p. (MIRA 15:5)

(Pipe)

BASHTA, Trifon Maksimovich; KUKOLEVSKIY, I.I., doktor tekhn. nauk, prof.;
retsenzent; ROZHDESTVENSKIY, S.N., kand. tekhn. nauk, nauchnyy
red.; MOROZOVA, P.B., red. izd-va; VILLER, G.L., red.; ROZHIN, V.P., tekhn. red.

[Design of hydraulic devices for airplanes] Raschety i konstruktsii
samoletnykh gidravlicheskikh ustroistv. Izd.3., perer. i dop.
Moskva, Gos. nauchno-tekh. izd-vo Oborongiz, 1961. 474 p.
(MIRA 14:10)

(Airplanes-Hydraulic equipment)

BUTAYEV, Davlet Aslanbekovich; KAIMYKOVA, Zinaida Alekseyevna, PODVIDZ, Lev Grigor'yevich; POPOV, Kirill Nikolayevich; ROZHDESTVENSKIY, Sergey Nikolayevich; YAN'SHIN, Boris Ivanovich; KUKOLEVSKIY, I.I., professor, redaktor; NEKRASOV, B.B., redaktor; FRIDKIN, A.M., tekhnicheskij redaktor

[Book of problems in hydraulics for mechanical engineering schools]
Zadachnik po gidravlike dlia mashinostroitel'nykh vuzov. Pod red.
I.I.Kukolevskogo. Moskva, Gos. energ. izd-vo, 1956. 343 p. (MIRA 10:1)
(Hydraulics--Problems, exercises, etc.)

YAN'SHIN, B.I., kand. nauk; MOSHNIN, L.F., doktor tekhn.
nauk, prof., re'senzer; ROZHDESTVENSKIY, S.N., kand.
tekhn. nauk, red.

[Hydrodynamic characteristics of valves and elements of
pipings; nozzles, diffusers and valves] Gidrodinamicheskie
kharakteristiki zatvorov i elementov truboprovodov; kon-
fuzory, diffuzory i zatvory. Moskva, Mashinostroenie,
1965. 259 p. (MIRA 18:8)

BUTAYEV, Devlet Aslanbekovich; KALMYKOVA, Zinaida Alekseyevna; PODVIDZ,
Lev Grigor'yevich, dotsent; POPOV, Kirill Nikolayevich;
ROZHDESTVENSKIY, Sergey Nikolayevich; YAN'SHIN, Boris Ivanovich;
KUKOLEVSKIY, I.I., prof., red. [deceased]; VORONIN, K.P., tekhn.
red.

[Problems in hydraulics for mechanical-engineering institutes]
Zadachnik po gidravlike dlia mashinostroitel'nykh vuzov. Pod red.
I.I.Kukolevskogo i L.G.Podvidza. Izd.2., perer. i dop. Moskva,
Gos.energ.izd-vo, 1960. 440 p. (MIRA 13:11)
(Hydraulics--Problems, exercises, etc.)

PHASE I BOOK EXPLOITATION

SOV/6071

Nosov, Yuriy Andreyevich, Dmitriy Nikolayevich Popov, and Sergey Nikolayevich
Rozhdestvenskiy

Nekotoryye voprosy rascheta i konstruirovaniya aviatsionnykh gidravlicheskikh sistem (Some Problems in the Design and Construction of Aircraft Hydraulic Systems). Moscow, Oborongiz, 1962. 231 p. Errata slip inserted. 3500 copies printed.

Ed. (Title page): S. N. Rozhdestvenskiy; Ed.: I. L. Yanovskiy, Engineer;
Ed. of Publishing House: A. A. Khrustaleva; Tech. Ed.: L. A. Garnukhina;
Managing Ed.: S. D. Krasil'nikov, Engineer.

PURPOSE: The book is intended for aircraft designers specializing in hydraulics.
It can also be used by students of machine-building institutes.

COVERAGE: The book, based on non-Soviet sources, deals with the calculation

Card 1/3

Some Problems in the Design (Cont.)

SOV/6071

and design of aircraft hydraulics. The dynamics and hydraulics of servodrives and the effect of high temperatures on their operation and sealing, are considered. No personalities are mentioned. There are 9 references: 1 Soviet (a translation from English) and 8 English.

TABLE OF CONTENTS [Abridged]:

Foreword	3
Introduction	4
Ch. I. Fluids Used in Aircraft Hydraulic Systems	7
Ch. II. Problems of Hydraulics	27
Ch. III. Hydraulic Systems	61
Card 2/3	

Some Problems in the Design (Cont.)	SOV/6071
Ch. IV. Hydraulic Servosystems	78
Ch. V. Dynamics of Hydraulic Servosystems	104
Ch. VI. Sealing of Hydraulic Systems	163
Ch. VII. Testing of Hydraulic Systems	203
Ch. VIII. Some Problems Connected With Design of Hydraulic Systems for High Temperatures	214
Bibliography	229

SUBJECT: Aerospace

Card 3/3

AD/dk/jk
11-7-62

ROZHDESTVENSKIY, S.N., kandidat tekhnicheskikh nauk; SHENFINKEL', Yu.I.,
inzhener; KIRILLOVSKIY, Yu.L., inzhener.

Accelerated motion of rotating bodies in viscous fluids at low
speeds. [Trudy] MVTU no.18:59-68 '53. (MLRA 7:12)
(Disks, Rotating) (Hydrodynamics)

ROZHDESTVENSKIY, S.N., kandidat tekhnicheskikh nauk; MELIK-SARKISYAN,
A.O., inzhener.

Viscous fluid flow through radial and ring-type slits. [Trudy]
MVTU no.18:197-202 '53. (MIRA 7:12)
(Fluid dynamics)

NOSOV, Yuryi Andreyevich; POPOV, Dmitriy Nikolayevich; ROZHDESTVENSKIY,
Sergey Nikolayevich; YANOVSKIY, I.L., inzh., red.; KHRUSTALEVA,
A.A., red.izd-va; GARNUKHINA, L.A., tekhn. red.

[Design and construction of hydraulic systems for aircraft] Ne-
kotorye voprosy rascheta i konstruirovaniia aviationskikh hidrav-
licheskikh sistem. Moskva, Oborongiz, 1962. 231 p.
(MIRA 1586)

(Airplanes--Hydraulic equipment)

ROZHDESTVENSKIY, S.S.

Using the resonance method for studying the frost resistance of
cement stone. Trudy NPI 129:45-53 '62. (MIRA 18:3)

GRACH'YAN, A.N.; ROZHDESTVENSKIY, S.S.

Using the resonance method in studying the properties of
white portland cement. Trudy NPI 129:29-33 '62.

(MIRA 18:3)

S/032/61/027/002/016/026
B134/B206

AUTHOR: Rozhdestvenskiy, S. S.

TITLE: Determination of strength of concrete by the resonance method

PERIODICAL: Zavodskaya laboratoriya, v. 27, no. 2, 1961, 203-204

TEXT: According to a method already described by the author (Ref. 2), the latter established the correlation between the breaking point of concrete samples in bending tests and the dynamic elasticity modulus, as well as the solid viscosity. Samples of pure Rustavi slag Portland cement in a water-saturated state, as well as dried (up to the constancy of weight at 45°C), were subjected to bending tests. Their solid viscosity and dynamic elasticity modulus were previously determined. The bending strength limit R_B^* was calculated by the customary method. The bending strength limit R_B^* from the resonance characteristics was calculated as follows: for samples from a mass of normal density according to $R_B^* = K E / \delta$ (1), and for samples from masses of arbitrary

Card 1/4

Determination of strength of concrete...

S/032/61/027/002/016/026
B134/B206

density according to $R_B^! = K \times qB / 1.95 \times 0.35 \times E / \delta$ (2) ($K = 1.2 / 10^5$ = proportionality factor, E , kg/cm^2 = dynamic elasticity modulus, δ = solid viscosity, q = density of sample in g/cm^3 , 1.95 g/cm^3 = density of samples of standard density (for dry samples 1.6 g/cm^3), B = water-cement factor of sample, 0.35 = water-cement factor of the sample of standard density). The values obtained are tabulated (Table). The maximum difference between $R_B^!$ and R_B is 14% and, thus, does not lie above the determination error of the customary method, which may amount to 10-15%. Equations (1) and (2) are, however, not universal, since K takes another value for other cement types, but they are valid for small groups of concrete types. There are 1 table and 2 Soviet-block references.

ASSOCIATION: Severo-Osetinskiy gosudarstvennyy pedagogicheskiy institut im. Khetagurova (North Ossetian State Pedagogical Institute imeni Khetagurov)

Card 2/4

Determination of strength of concrete...

S/032/61/027/002/016/026
B134/B206

Legend to the table: a) water-cement ratio, b) ρ , g/cm³, c) $E \cdot 10^{-3}$, kg/cm²; d) R_B , kg/cm², e) R'_B , kg/cm², f) samples saturated with water,

g) dry samples.

Водопементное отношение <i>a</i>	Водонасыщенные образцы					
	<i>b</i>	<i>c</i>	<i>E</i> · 10 ⁻³	<i>R_B</i> кг/см ²	<i>R'_B</i> кг/см ²	
0,3	2,09	250,0	0,0321	86,5	86,2	15
	2,06	252,0	0,0318	87,2	85,9	
	2,05	238,0	0,0333	82,2	77,5	
	2,05	232,0	0,0304	92,0	82,7	
0,35	1,94	193,0	0,0373	59,5	62,1	20
	1,97	201,0	0,0352	69,5	68,5	
	1,99	204,5	0,0356	71,9	67,4	
0,4	1,93	179,0	0,0381	60,7	63,8	25
	1,96	190,0	0,0358	68,5	73,2	
	1,98	185,6	0,0407	62,9	63,7	
0,5	1,85	127,0	0,0491	45,3	42,2	26
	1,85	124,5	0,0487	46,7	41,6	
	1,87	144,5	0,0414	52,9	57,4	

Card 3/4

Determination of strength of concrete...

S/032/61/027/002/016/026
B134/B206

Сухие соразмы					
	1,68	152,5	0,0143	131,0	115,6
0,3	1,67	154,2	0,0152	126,8	109,2
	1,70	166,0	0,0145	129,0	125,3
	1,68	162,5	0,0150	128,2	117,0
0,35	1,59	143,0	0,0168	105,2	102,2
	1,62	146,0	0,0172	96,0	101,8
	1,60	130,0	0,0164	98,0	95,1
0,4	1,53	118,0	0,0172	90,0	90,2
	1,56	125,1	0,0161	96,9	103,8
	1,56	121,3	0,0180	94,7	90,3
0,5	1,38	80,2	0,0189	60,2	62,8
	1,36	73,5	0,0190	55,7	56,4
	1,39	83,5	0,0185	63,1	67,4

Card 4/4

PONOMAREV, I.F.; ROZHDESTVENSKIY, S.S.

Study of structural changes in hydrated cement by the resonance method. Cement 27 no. 5:18-21 S-0 '61. (MIRA 14:12)
(Cement)

ROZHDESTVENSKIY, S.S.

Determination of the brand of cement using the resonance method.
Zav.lab. 28 no.5:615-616. '62. (MIRA 15:6)

1. Severo-Osetinskiy gosudarstvennyj pedagogicheskiy institut.
(Cement--Testing)

ROZHDESTVENSKIY, S.S.

Measuring the internal friction of concrete. Zav.lab.
no.4:463-465 '60. (MIRA 13:6)

1. Severo-Osetinskiy gosudarstvennyy pedagogicheskiy institut.
(Concrete)

ROZHDESTVENSKIY, S. S.

Cand Tech Sci - (diss) "Study of the properties of cement and cement-forming compounds by the resonance method." Novocherkassk, 1961. 15 pp; (Novocherkassk Order of Labor Red Banner Polytechnic Inst imeni S. Ordzhonikidze); 150 copies; price not given; (KL, 10-61 sup, 218)

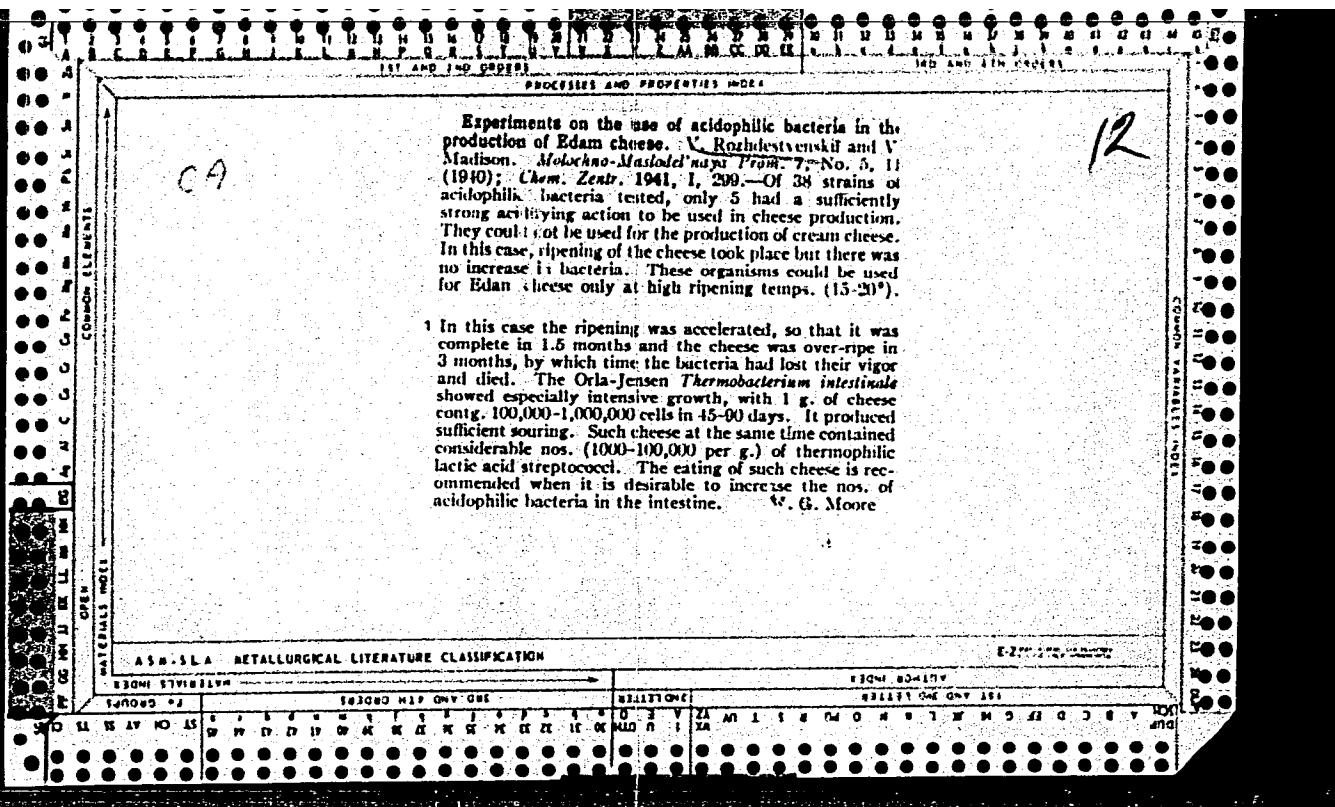
ROZHDESTVENSKIY, S.S., inzh.

Using resonance method in testing building materials. Strol. mat.
6 no.12:27-29 D '60. (MIRA 13:11)
(Resonance) (Building materials—Testing)

ROZHDESTVENSKIY, S.S.

Determination of the strength of concrete by the resonance
method. Zav.lab. 27 no.2:203-204 '61. (MIRA 14:3)

1. Severo-Osetinskiy gosudarstvennyy pedagogicheskiy institut
imeni Khetaguрова.
(Concrete--Testing) (Resonance)



ROZHDESTVENSKIY, V.; PAVLOV, N., master sporta; KHRAERYKH, Svetlana,
sportamenka I razryada

A student amateur club. Kryl.rcd. 13 no.6:9-10 Je '62.

(MIRA 1981)

1. Predsedatel' planernoy sektsii studencheskogo samodeyatel'-
nogo kluba Kuybyshevskogo aviationsonnogo instituta (for
Rozhdestvenskiy). 2. Rukovoditel' aviamodel'noy laboratori
studencheskogo samodeyatel'nogo kluba Kuybyshevskogo aviationsonnogo
instituta (for Pavlov).

ROZHDESTVENSKIY, V.

57/49T71

USSR/Medicine - Medical Societies
Medicine - Surgery

May 48

"Minutes of the Meeting of the Leningrad Affiliate
of the All-Union Society of Urologists,
13 January 1948," V. Rozhdestvenskiy, 2 pp

"Vest Khirurgii" Vol LXVIII, No 5

Various reports, including Ya. D. Mikhael'son's
"Gunshot Wounds of the Kidneys," were read and
discussed.

FDD

57/49T71

ROZHDESTVENSKIY, V.

PA-4/49T59

USSR/Medicine - Penicillin
Medicine - Urology

Jan 48

"Proceedings of the Meetings of the Leningrad Affiliate of the All-Union Urological Society of 22 April and 13 May 1947," V. Rozhdestvenskiy, 2 $\frac{1}{2}$ pp

"Vest Khirurgii" Vol LXVIII, No 1

Demonstrations included ureterocele per magna, parafinoma of the scrotum, and consequences of subcortical renal trauma. Papers included reaction of gonococcic antigen in newborn infants, malignant testicular growths and electron microscope data on the action of penicillin on gonococci.

FIB

4/49T59

R02/H/DESTEVNSKIY, V.A.

✓ Increasing the thermal stability, light resistance, and
mechanical strength of a fiber glass fabric
G. S. Petrov and A. A. Kostylev
June 26, 1987
U.S.S.R. T.S.S.R. T.D.
T.M. and I.S.P. 1987

K J
MT

ROZHDESTVENSKIY, V.A., inzh.

Measures for preventing hoisting machinery accidents. Bezop.truda v
prom. 2 no.4:15-16 Ap '58. (MIRA 11:4)

1. Upravleniye Tatarskogo okruga Gosgortekhnadzora SSSR.
(Hoisting machinery)

Rozhdestvenskiy V. A.

6021" Aging of Polyvinylchloride Plasticized Compositions.
Stareye polivinilkloridnye plastikaty. (Rusian.) V. A.
Rozhdestvenskiy. Khimicheskaya Promstvennost', 1954, no. 9,
Sept., p. 350-353.
Effect of time and temperature on strength properties. Graphs,
tables. 6 ref.

MATUSEVICH, V. F. (Doctor of Veterinary Sciences), FEKLISTOV, M. N. (Candidate of Veterinary Sciences), ROZHDESTVENSKIY, V. A. (Candidate of Biological Sciences).

"Characteristics of Stachybotryotoxicosis in cattle"

Veterinariya, vol. 39, no. 9, September 1962, p. 23

ROZHDESTVENSKIY, V.A. [Rozhdestvens'kyi, V.O.]

Identification of *Bacillus silicatus*. Mikrobiol. zhur. 23 no.4:
1-3 '61. (MIRA 15:4)

1.Kamenets-Podol'skiy sel'skokhozyaystvennyy institut.
(BACTERIA, SILICATE)

OKOROKOV, A.A., otv. red.; MARKIN, A.M., otv. red.;
BEREZOVSKIY, V.I., red.; DOLGUSHIN, N.I., red.;
KIRILLOV, I.Ye., red.; MIKHAYLOV, G.N., red.;
NEVZOROV, L.A., red.; NIKOLAYEVSKIY, G.M., red.;
ROZHDESTVENSKIY, V.A., red.; USHAKOV, P.N., red.;
KHODOV, M.P., red.; SHARONOV, M.S., red.

[Regulations for the design and safe operation of load-lifting cranes] Pravila ustroistva i bezopasnoi ekspluata-tsii gruzopod'emnykh kranov. Moskva, Nedra, 1965. 127 p.

(MIRA 18:7)

1. Russia (1917-- R.S.F.S.R.) Gosudarstvennyy komitet po nadzoru za bezopasnym vedeniyem rabot v promyshlennosti i gornomu nadzoru.

Rozhdestvenskiy, V. A.

U S S R .

352H. POLYMERS AND COPOLYMERS FROM
HALOGENATED HYDROCARBONS.

G-E-R-M .

3719. Ageing of polyvinyl chloride plastics. V. A. Rozhdestvenskiy. Khim. Prom., 11/54, 360-3; Chem. Abs., 1956, 49, 6022; Gummi u. Asbest, 1956, 8, 202. The effects of heat, atmospheric and climatic conditions, and of visible and ultraviolet light were studied upon the ageing of polyvinyl chloride plastics. Heat and light are the principal agents affecting the stability of plastics. Light, and particularly ultraviolet light, may cause the formation of oxygen bridges between the molecules or cause an evolution of hydrochloric acid. Plastics were little affected in 30 months in the Moscow climate, while in the colder climate (Siberia) the change was appreciable in 24 months. 352H21.323

ROZHDESTVENSKIY, V.A., kandidat tekhnicheskikh nauk.

Ageing of polyvinyl chloride plasticized rubbers. Khim.prom. no.6:
350-353 S '54. (MLRA 7:12)
(Rubber, Synthetic)

ROZHDESTVENSKIY, V. A.

"Obtaining Polyvinyl Chloride Masticated Rubber, Resistant to Low Temperatures and Having High Mechanical Properties. Sub 28 May 47, Moscow Order of Lenin Chemicotechnological Inst imeni D. I. Mendeleyev

Dissertations presented for degrees in science and engineering in Moscow in 1947.

SO: Sum.No. 457, 18 Apr 55

ROZHDESTVENSKIY, V.A., inzh.

Causes of accidents with electrical petroleum dehydrators. Bezop.-
truda v prom. 7 no.3:15-16 Mr '63. (MIRA 16:3)
(Oil fields--Equipment and supplies) (Emulsions)

MATUSEVICH, V.F., doktor veterin.nauk; FEKLISTOV, M.N., kand.veterin.nauk;
ROZHDESTVENSKIY, V.A., kand.biolog.nauk

Characteristics of stachybotryotoxicosis in cattle. Veterinariia
39 no.9:23-25 S '62. (MIRA 16:10)

Rozhdestvenskiy, V. N.

USSR/Chemistry - Plastics

FD-875

Card 1/1 Pub. 50 - 8/24

Author : Rozhdestvenskiy, V. A., Cand Tech Sci

Title : The ageing of plasticized polyvinylchloride

Periodical : Khim. prom., No 6, 350-353 (30-33), Sep 1954

Abstract : Investigated deterioration of various types of plasticized polyvinylchloride as affected by the action of heat (exposure to temperatures of 70°, 100°, 120°, and 130° in the laboratory) and of light under various climatic conditions. Found that the polyvinylchloride deteriorates faster in a northern climate (Tomsk) than in a moderate climate (Moscow). Recommends addition of substances which absorb or reflect ultraviolet light. Six references, all USSR, all since 1940. Seven figures, 2 tables.

Institution :

Submitted :

ROZHDESTVINSKIY, V. A. Card. Tech. Sci.

Dissertation: "Obtaining Polyvinyl Chloride Modified Rubber, Resistant to Low Temperatures and Having High Mechanical Properties." Moscow Order of Lenin Chemicotechnological Inst imeni D. I. Mendeleev, 28 May 47.

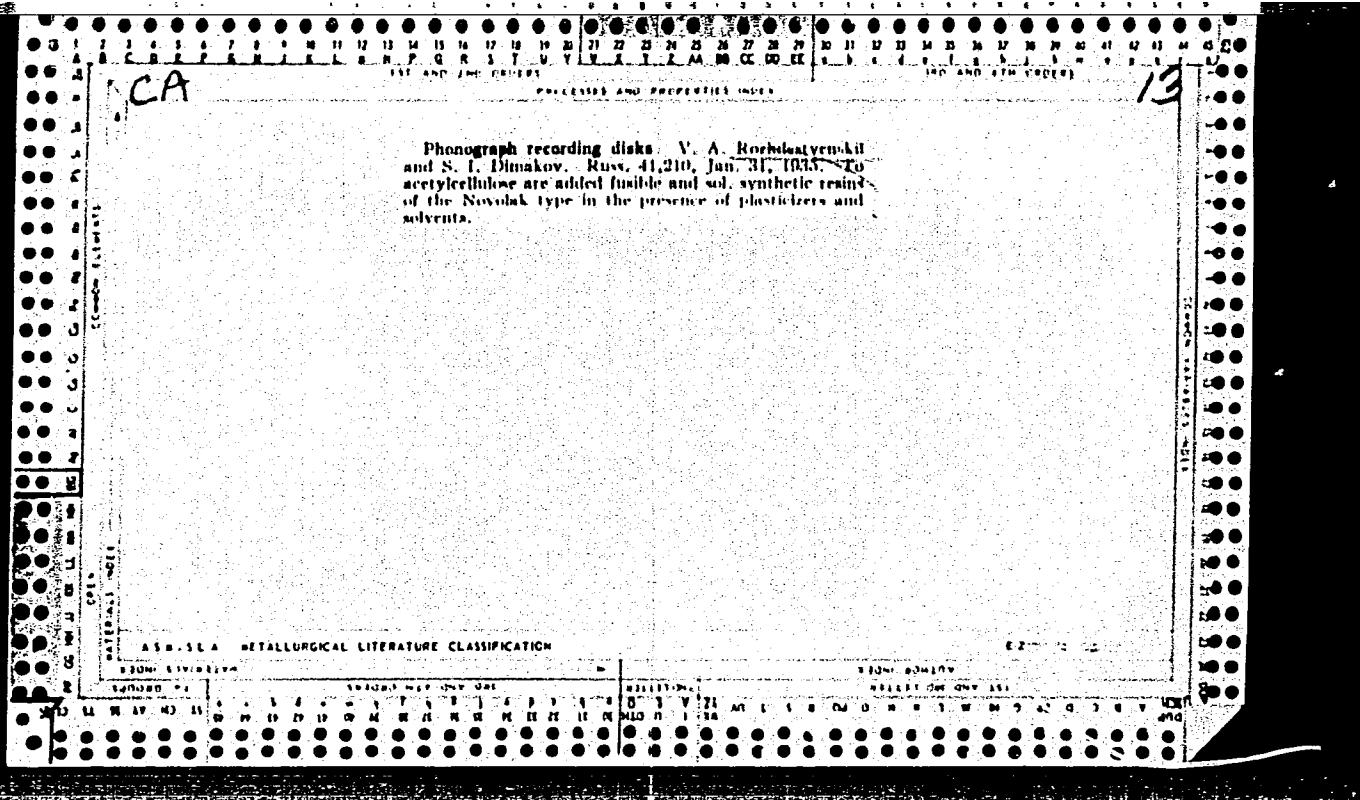
SO: Vechernaya Moskva, May, 1947 (Project #17836)

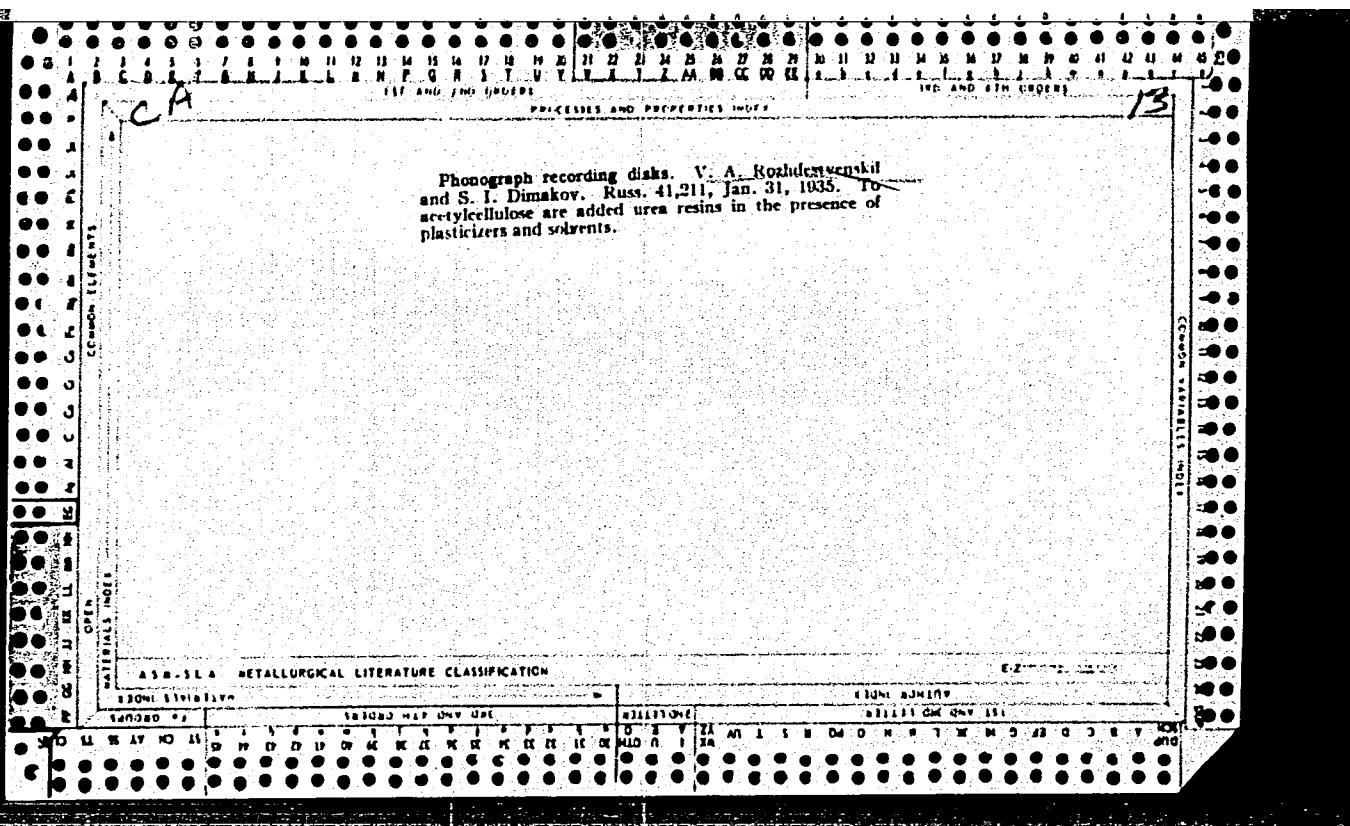
ROZHDESTVENSKIY, V.A.

Use of a special probe for selection of assays in microbiological
studies of soils. Lab.delo 7 no.9:52-53 S '61. (MIRA 14:10)
(SOILS—MICROBIOLOGY)

BERZILIN, Nikoley Mikhaylovich; ROZHDESTVENSKIY, Vsevolod
Aleksandrovich; DZHALALBEKOVA, I.A., otv. red.;
SUSLENNIKOVA, N.M., tekhn. red.

[Garden flowers] TSvety iz sada. Leningrad, Detgiz, 1962. 75 p.
(Flowers) (MIRA 15:9)





APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001445710011-7"

Rozhdestvenskiy, V.D.

USER/ Agriculture - Plant physiology

Card 1/1 Pub. 22 - 51/60

Authors : Ilyinskaya-Tsentilovich, M. A., and Rozhdestvenskiy, V. D.

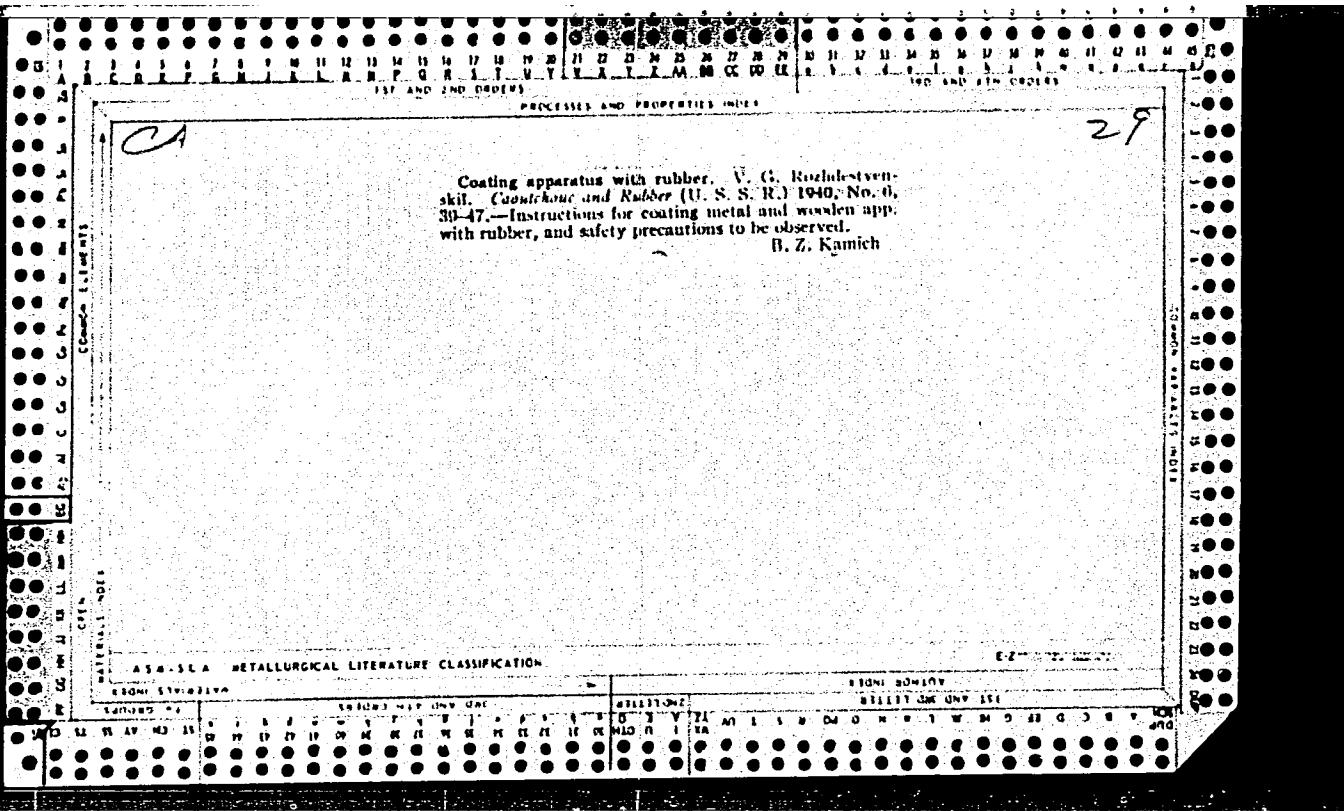
Title : The structure of secondary roots and the stability of winter wheat

Periodical : Dok. AN SSSR 100/4, 801-803, Feb 1, 1955

Abstract : The factors causing the death of winter wheat stalks are discussed. A study of the root system of certain winter wheat types showed a greater homology between the nature of the plant already above the ground and the structure of its root system. Five references: (1935-1954). Table; illustration.

Institution : The V. V. Dokuchayev Agricultural Institute, Kharkov

Presented by: Academician A. L. Kursanov, November 30, 1954



ROZHDESTVENSKIY, V. I.

"Proceedings of the Meetings of the Leningrad Affiliate of the All-Union Urological Society of 22 April and 13 May 1947," Vest. Khirurgii, 68, No. 1, 1948; "In Honor of Iosif Naunovich Shapiro," ibid., No. 3, 1948;
"Proceedings of the Meeting of the Leningrad Affiliate of the All-Union Society of Urologists, 13 January 1948," ibid., No. 5, 1948;
"Proceedings of the Leningrad Affiliate of the All-Union Society of Urologists," ibid., 69, No. 3, 1949.

ROZHDESTVENSKIY, V. I.

PA 17/49T100

USSR/Medicine - Urology
Medicine - Biography

Mar 48

"In Honor of Iosif Naumovich Shapiro," M. G.
Pil'shchik, V. I. Rozhdestvenskiy, 1¹/₄ pp

"Vest Khirurgii" Vol LXVIII, No 3

Summarizes career of Prof I. N. Shapiro, urologist.

17/49T100

ROZHDESTVENSKIY, V. I.

SHAPIRO, I.N.; ROZHDESTVENSKIY, V.I.

Cancer of the prostate and present methods of its therapy.
Sovet.vrach.sborn. no.16:1-7 Ag '49. (GIML 19:2)

1. Of the Department of Urology, State Order of Lenin Institute for
the Advanced Training of Physicians imeni S.M.Kirov, Leningrad.

ROZHDESTVENSKIY, Valeriy Ivanovich

Academic degree of Doctor of Medical Sciences, based on his defense, 15 April 1955, in the Council of the State Order of Lenin Inst for the Advanced Training of Physicians imeni Kirov, of his dissertation entitled: "Cancer of the prostate gland and its hormone treatment."

Academic degree and/or title: Doctor of Sciences

SO: Decisions of VAK, List no. 21, 22 Oct 55, Byulleten' MVO SSSR, No. 19, Oct 56, Moscow, pp. 13-24, Uncl. JPRS/NY-536

ROZHDESTVENSKIY, V.I.

T-5

U.S.S.R. / General Problems of Pathology. Tumors.

Ats Jour : Ref. Zh.-Biol. No 2, 1958, No 7717

Author : Rozhdestvenskiy, V.I.

Inst :

Title : The Immediate and Remote Results of Hormonal Therapy in
Prostatic Carcinoma.

Orig Pub : Urologiya, 1957, No 2, 37-38

Abstract : 126 patients with prostatic carcinoma were treated with synestrol which was given in large doses (60-100mg) for two months and in maintenance doses (5-20 mg./day) thereafter. The majority of patients improved (less pain and amelioration of disorders of micturition). The size of the prostate, as determined by palpation decreased in the patients who responded favorably to this treatment. Histological examination of the

Card : 1/2

BAZHENOVA, K.M., kand.med.nauk; GARVIN, L.I., dotsent; KALASHNIKOV, B.P., prof.; KARASIK, V.M., prof.; K'YANDSKIY, A.A., prof.; KRISHOVA, N.A., prof.; LOPOTKO, I.A., prof.; MASHLAKOVA, P.V., vrach; MESSEL', M.A., kand.med.nauk; PUNIN, B.V., prof.; ROZHDESTVENSKIY, V.I., doktor med. nauk; ROMANOVSKAYA, V.K., vrach; SOSNYAKOV, N.G., prof.; TUR, A.F., prof.; TUSHINSKIY, M.D., prof.; FILIPCHENKO, Ye.M., kand.med.nauk; KHROMOV, B.M., prof.; TSURINOVA, Ye.G., doktor med.nauk; SHRAYBER, M.G., prof.; POLIKARPOV, S.N., dotsent; UDERMAN, Sh.I., dotsent, red.; SHEVCHENKO, F.Ya., tekhn.red.

[Physician's handbook on first aid and emergency care] Spravochnik vracha skoroi i neotlozhnoi pomoshchi. Leningrad, Gos.izd-vo med. lit-ry Medgiz, Leningr. otd-nie, 1960. 230 p. (MIRA 13:8)
(MEDICINE--HANDBOOKS, MANUALS, ETC.)

PORUDOMINSKIY, Il'ya Mironovich; ROZHDESTVENSKIY, V.I., red.

[Sterility in men] Besplodie u muzchin. Leningrad,
Meditina, 1964. 231 p. (MIRA 17:10)

MIL'MAN, Leonid Yakovlevich; ROZHDESTVENSKIY, V.I.; red.; PRIIMAN,
A.M., red.

[Impotence; etiology, prevention and treatment] Impotentsia;
etiologija, profilaktika i lechenie. Izd.2., perer. i dop.
Leningrad, Meditsina, 1965, 222 p. (MIRA 18:3)

L 14257-66 EWT(1)/FS(v)-3 SCTB DD/RD
ACC NR: AT6003905

SOURCE CODE: UR/2865/65/004/000/0658/0669

AUTHOR: Rozhdestvenskiy, V. I.; Chuchkin, V. G.

71

ORG: none

B71

TITLE: Sensors for automatic monitoring of the regulation of physiological processes of plants in closed systems

SOURCE: AN SSSR. Otdeleniye biologicheskikh nauk. Problemy kosmicheskoy biologii, v. 4, 1965, 658-669

TOPIC TAGS: closed ecology system, photosynthesis, plant physiology, plant growth, automatic control system, carbon dioxide, life support system

ABSTRACT: In future extended spaceflights, higher plants will constitute links in closed life-support systems. To control the rate (intensity) of plant physiological processes, devices must be developed to indicate and record the intensity of absorption and generation of CO₂, O₂, H₂O, and various mineral elements included in plant nutrition. The authors propose systems designed to accomplish these tasks, as shown in Figure 1. Equations are given to determine CO₂ and air inflow and outflow, photosynthetic intensity, CO₂ concentration, and change in CO₂ content in the growing chamber.

Card 1/8

2,44

L 114257-66

ACC NR: AT6003905

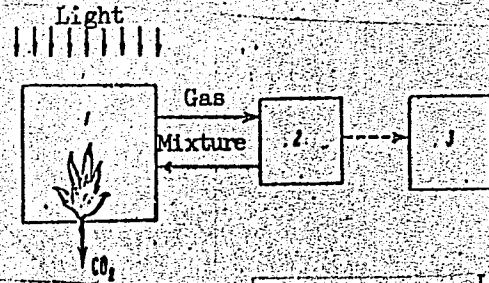


Fig. 1. System for measuring CO₂ concentration for calculating the intensity of photosynthesis in a closed chamber

1 - Plant chamber; 2 - gas analyzer;
3 - recorder.

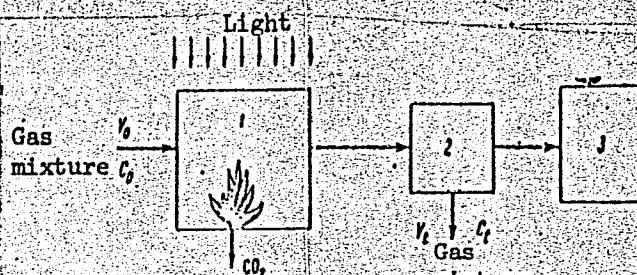


Fig. 2. System for measuring CO₂ concentration to calculate the photosynthetic intensity of plants in a chamber with air flow

1 - Plant chamber; 2 - gas analyzer; 3 - recorder

Card 2/3

L 14257-66
ACC NR: AT6003905

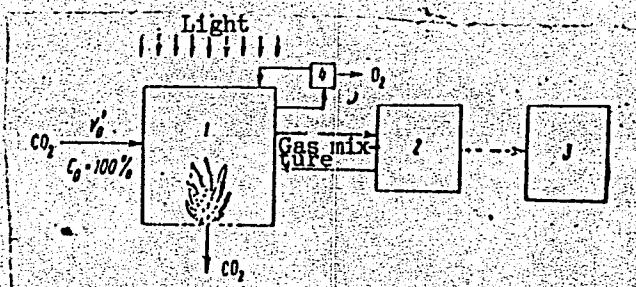


Fig. 3. System for measuring CO₂ concentration for calculating the photosynthetic intensity of plants when CO₂ concentration is controlled

1 - Plant chamber; 2 - gas analyzer; 3 - recorder; 4 - device for removing excess O₂.

Card 3/8

L 14257-66

ACC NR: AT6003905

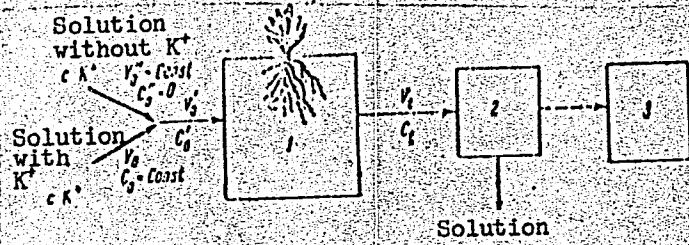


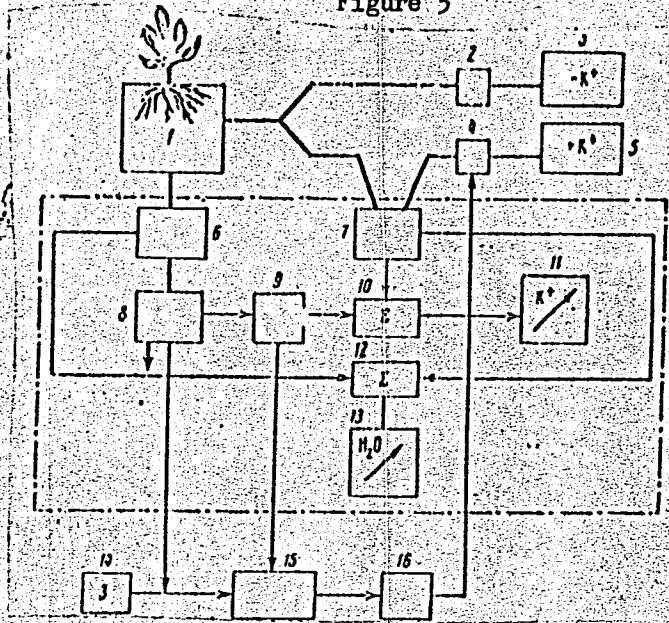
Fig. 4. System for measuring K^+ ion concentration in the nutrient solution for calculating the absorption intensity of this ion by plants

1 - Root system; 2 - flame spectrophotometer;
3 - recorder of changes in K^+ concentration in
the solution.

Card 4/8

L 14257-66
ACC NR: AT6003905

Figure 5



Card 5/8

L 14257-66

ACC NR: AT6003905

Fig. 5. System for automatic regulation of potassium concentration in the nutrient solution with simultaneous recording of the absorption intensity of this ion and water by the plant

1 - Root system; 2, 4 - solution pumps; 3 - solution without K^+ ; 5 - solution with K^+ ; 6, 7 - flow waters; 8 - flame spectrophotometer; 9 - functional converter; 10, 12 - summators; 11 - recorder of K^+ absorption; 13 - recorder of water absorption; 14 - potassium controller; 15 - regulator; 16 - actuating mechanism.

Card 6/8

L 14257-66

ACC NR: AT6003905

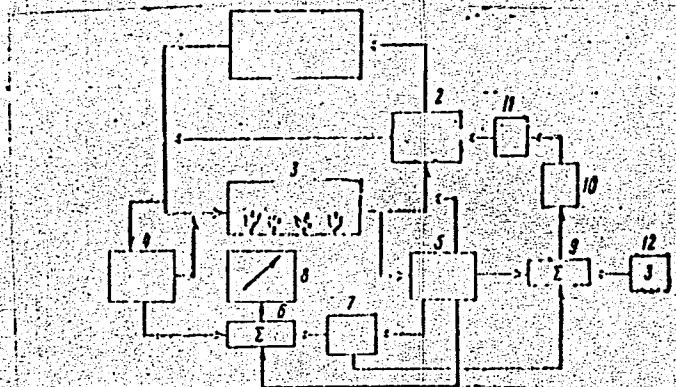


Fig. 6. System for automatically regulating photosynthetic intensity in a complete closed system

1 - Man; 2 - CO₂ concentrator; 3 - greenhouse; 4, 5 - gas analyzers; 6, 9 - summators; 7 - functional converter; 8 - photosynthetic intensity recorder; 10 - regulator; 11 - actuating mechanism; 12 - program controller.

Card 7/8

L 11257-66

ACC NR: AT6003905

Orig. art. has: 7 figures and 16 formulas. [ATD PRESS: 4091-F]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 010

TS
Card 8/8

ROZHDESTVENSKIY, V.I.; CHUCHKIN, V.G.

Apparatus for automatic control and regulation of physiological
processes in plants in closed systems. Probl. kosm. biol.
4:658-669 '65. (MIRA 18:9)

BAZHENOVA, K.M., dots.; VOL'FOVSKAYA, R.N., dots.; GARVIN,
Leonid Iosifovich, dots.; KALASHNIKOV, B.P., prof.;
K'YANDSKIY, A.A., prof.; LEVIN, G.Z., prof.; LOPOTKO,
I.A., prof.; PARIYSKAYA, T.V., kand. med. nauk;
ROZHDESTVENSKIY, V.I., doktor med. nauk; ROMANOVSKAYA, V.K.;
TUR, A.F., prof.; KHVILIVITSKIY, T.Ya., prof.; KHROMOV, B.M.,
prof.; SHRAYBER, M.G., prof.; D'YACHENKO, P.K., red.

[Manual for the physician on emergency and first aid] Spra-
vochnik vracha skoroi i neotlozhnoi pomoshchi. Izd.2., ispr.
i dop. Leningrad, Meditsina, 1965. 355 p. (MIRA 18:4)

ROZHDESTVENSKIY, V.I.; CHUCHKIN, V.G.; KLESHNIN, A.F.

Automatic maintenance of a stationary CO₂ concentration in
photosynthetic chambers. Fiziol.rast. 12 no.1:178-181 Ja-F
'65. (MIRA 18:3)

1. Institut fiziologii rasteniy imeni Timiryazeva AN SSSR, Moskva.

ACCESSION NR: AT4037717.

S/2065/64/003/000/0477/0486

AUTHOR: Chuchkin, V. G.; Rozhdestvenskiy, V. I.

TITLE: An automatic device for study of the dependence of photosynthesis in higher plants on mineral nutrients

SOURCE: AN SSSR. Otdeleniye biologicheskikh nauk. Problemy* kosmicheskoy biologii, v. 3, 1964, 477-486

TOPIC TAGS: plant nutrition, photosynthesis, mineral fertilizer, automation, closed ecological system, manned space flight

ABSTRACT: An automatic device to be used in studies of effects of nutrient solutions and their ingredients on the rate of photosynthesis in higher plants is described. During laboratory tests the device was programmed for measurements of potassium-ion concentration in a solution and could maintain a desired ionic concentration at a predetermined level. Concurrently, the CO₂ concentration in the atmosphere was measured, making it possible to estimate the rate of photosynthesis. Diagrams of the various components used in this study as well as the numerical data obtained during experiments are also included.

Card 1/2

USMANOV, Yu.A., zasl. deyatel' nauki Bashkirskoy ASSR, otv. za vypusk;
KHRIZMAN, I.A., glav. red.; KOBYAKOV, I.A., red.; ABDUL'MENEV,
M.I., red.; DYMENT, O.N., red.; IMAYEV, M.G., red.; MOSKOVICH,
S.M., red.; ROZHDESTVENSKIY, V.I., red.; SERGEYEV, L.I., red.;
SIMONOV, V.D., red.

[Chemicalization of agriculture in Bashkiria] Khimizatsiia sel'-
skogo khoziaistva Bashkirii; trudy konferentsii. Ufa, Bashkirskoe
respublikanskoe pravlenie Vses. khim. ob-va im. D.I. Mendeleva.
No.1. 1959. 117 p. (MIRA 16:1)

1. Respublikanskaya konferentsiya po voprosam khimizatsii sel'-
skogo khozyaystva BASSR.
(Bashkiria—Agricultural chemistry)

ROZHDESTVENSKIY, Yevgeniy Dmitriyevich; KOGAN, S., red.; MEL'NIKOV, A.,
tekhn. red.

[Clayey soil as a material for rammed earth buildings] Glinistye
grunty kak material dlia zemlebitnykh zdaniy. Tashkent, Gos. izd-
vo Uzbekskoi SSR, 1959. 118 p. (MIRA 14:11)
(Pisé)

L 38265-65 EWT(1)/EPR/EWA(m)-2/EWA(h) Ps-4/Peb WW
ACCESSION NR: AP5007450

S/0286/65/000/004/0072/0073

AUTHORS: Sterlikov, V. P.; Roy, E. V.; Chuchkin, V. G.; Rozhdestvenskiy, V. I.

TITLE: Thermal flowmeter for small flow rates of liquid. Class 42, No. 168484

SOURCE: Byulleten' izobreteny i tovarnykh znakov, no. 4, 1965, 72-73

TOPIC TAGS: liquid flowmeter

ABSTRACT: This Author Certificate presents a thermal flowmeter for small flow rates of liquid. The device contains a thermocouple with two junctions as the sensing element, a measuring tube passing through the two-chambered case of a thermostated detector, and two thermostats maintaining a temperature drop between the detector chambers. To increase the accuracy of measurement, the thermocouple is placed along the axis of the measuring tube. Both junctions are placed in one detector chamber (see Fig. 1 on the Enclosure). To increase the sensitivity of the device by creating an equilibrium temperature field in the region of the detector case, it is provided with additional chambers inside of which are mounted perforated tubes. Orig. art. has: 1 diagram.

ASSOCIATION: none

SUBMITTED: 29Nov63

NO REF SOV: 000

Card 1/2

ENCL. 01

OTHER: 000

SUB CODE: IE, ME

V. M. RZHESTVENSKIY and O. I. FORNEYENKOVA

"Development of a Material to Absorb High Frequency Energy in Special Delay Systems" from Annotations of Works Completed in 1955 at the State Union Sci. Res. Inst. Min. of Radio Engineering Ind.

So: B-3,080,964

~~ROZHDESTVENSKAY, V. M.; KUCHERENKO, V. D.; KIKTENKO, V. S.; AGAFONOV, V. I.~~

Academician Daniil Kirillovich Zabolotnyi, outstanding scientist and
humanitarian. Zhur. mikrobiol. epid. i immun. no.12:17-23 no.12:17-
23 D '54. (MLRA 8:2)

(ZABOLOTNYI, DANIIL KIRILLOVICH, 1866-1929)

KROTKOV, F.O., general-mayor meditsinskey sluzhby, redaktor; BOLDYREV, T.Ye., redaktor; ROGOZIN, I.I., redaktor; VIKOVSKIY, S.V., redakte [deceased]; ROZHDESTVENSKIY, V.M., redakter.

[Soviet medicine during the Great Patriotic War, 1941-1945] Opyt sovetskoi meditsiny v velikoi otechestvennoi voine 1941-1945 gg. Moskva, Gos.izd-vo med.lit-ry. Vol.33. 1955. 283 p. [Microfilm]

(MLRA 9:6)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR.(for Kretkov)
(World War, 1939-1945--Medical and sanitary affairs)

ROZHDESTVENSKIY, V. M. and AGAFANOV, V. I.

"Certain Problems of the Theory of Epidemiology," Zhur. Mikrobiol., Epidemiol.
i Immunobiol., No.1, pp 20-24, 1955

Translation No.535, 11 "pr 56



ROZHDESTVENSKIY, V. M., KUZHAKIN, A. P., BEZDENEZHNYKH, I. S.,
AGAFONOV, V. I.

"Comparative analysis of the basic rules of the epizootic and
epidemic processes."

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists
and Infectionists, 1959.

UGRYUMOV, B.L.; ROZHDESTVENSKIY, V.M.; RUDNEV, G.P.; AGAFONOV, V.I.;
KULAGIN, S.M.; KUCHERENKO, V.D.; KKTEMKO, V.S.

Andrei IAkovlevich Alymov, d.1965; obituary. Zhur. mikrobiol.,
epid. i immun. 42 no.8:156-157 Ag '65. (MIRA 18:9)

SKVORTSOV, Vitaliy Vasil'yevich, KIKTENKO, Vasiliy Sil'vestrovich;
KUCHERENKO, Vasiliy Dorofiyevich; ROZHDESTVENSKIY, V.M.,
red.; SENCHILO, K.K., tekhn. red.

[Viability and detection of pathogenic microbes in an external
medium] Vyzhivaemost' i indikatsiya patogennykh mikrobov vo
vneshnei srede. Moskva, Medgiz, 1960. 348 p. (MIRA 16:1)
(BACTERIA, PATHOGENIC)

ROZHDESTVENSKIY, V.M., dots.

Effect of the vibration system on the formation of cracks in
shell slabs. [Trudy] RISI no.17:72-76 '60. (MIRA 15:6)
(Vibrated concrete)

ACC NR: AP7005675 (A)

SOURCE CODE: UR/0413/67/000/002/0147/0147

INVENTOR: Motovilov, O. A.; Rozhdestvenskiy, V. N.; Rudina, O. G.

ORG: none

TITLE: A method of producing films from a mixture of substances by cathodic sputtering. Class 48, No. 190757

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 2, 1967, 147

TOPIC TAGS: thin film, ~~mixed~~ film, film deposition,
~~mixed~~, cathodic sputtering, ~~mixed~~ metal deposition, cathode

ABSTRACT: This Author Certificate introduces a method of producing films from mixtures of substances by cathodic sputtering. To obtain films with a given composition and thickness, the film is deposited on the substrate successively from each of the cathodes, which are insulated from one another. The deposition time under each cathode depends on the required thickness of a porous layer from the component of a corresponding cathode. [MS]

SUB CODE: 11,09/ SUBM DATE: none/ ATD PRESS: 5117

Card 1/1

UDC: 621.793.7

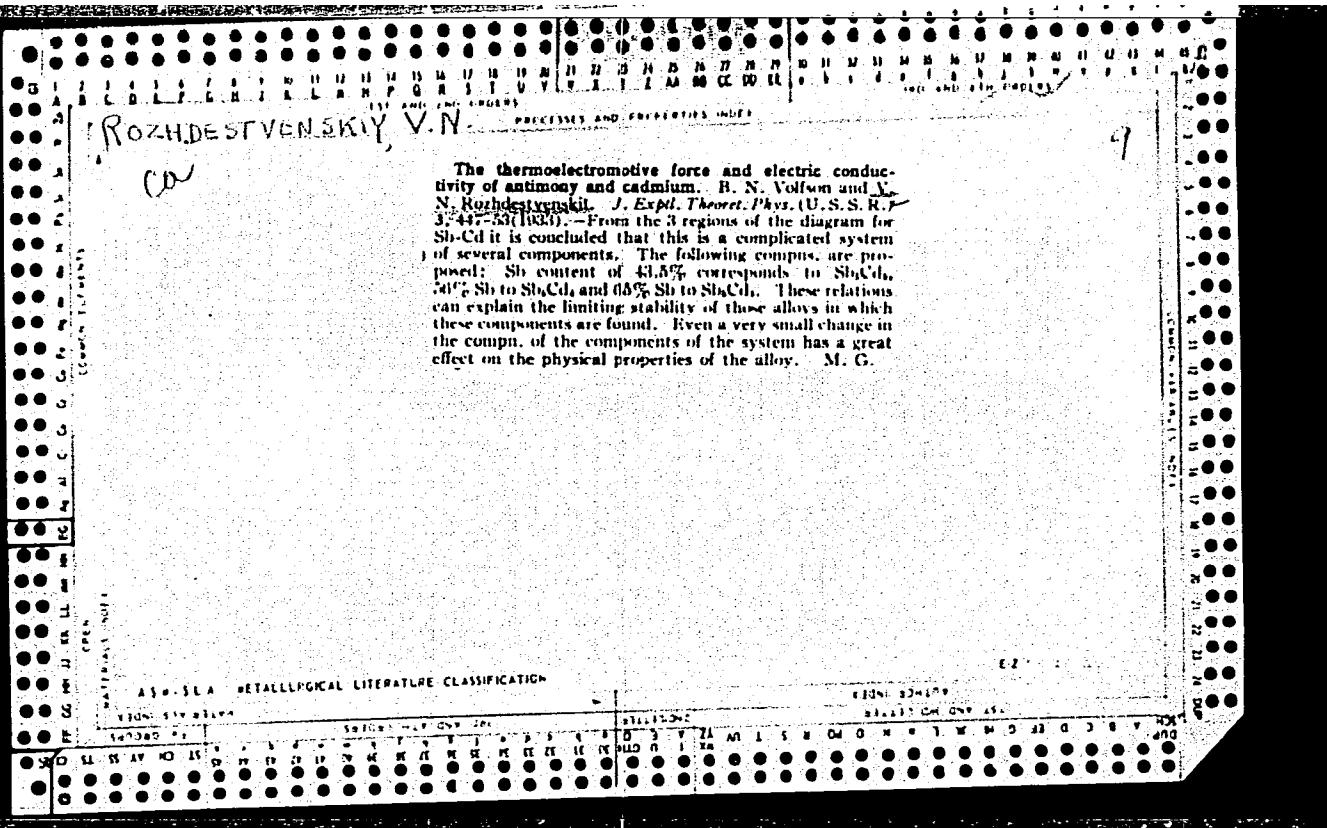
GORSHKOV, Aleksey Stepanovich; RUSETSKIY, Aleksandr Alekseyevich.
Prinimal uchastiye ZEL'DIN, Ye.A.; SHMYREV, A.N., kand.
tekhn. nauk, retsenzent; ROZHDESTVENSKIY, V.N., dots.,
retsenzent; IVANOV, A.N., kand. tekhn. nauk, nauchnyy red.;
KAZAROV, Yu.S., red.; SHISHKOVA, L.M., tekhn. red.

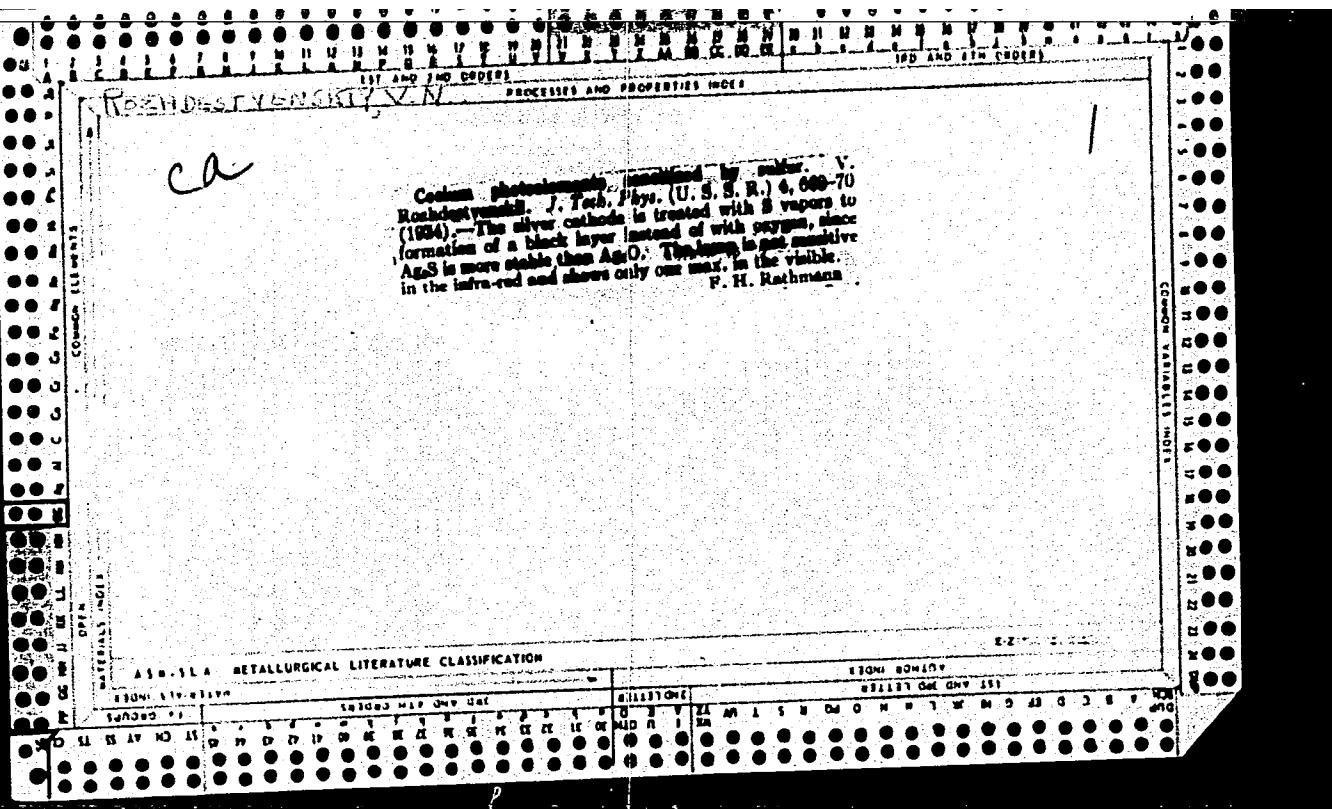
[Cavitation pipes] Kavitatsionnye truby. Leningrad, Sudpromgiz,
1962. 165 p. (MIRA 16:2)

(Cavitation)

MOTOVILOV, O.A.; ROZHDESTVENSKIY, V.N.

Using niobium oxide for optical coatings. Opt.-mekh. prom. 25
no. 2:42-44 F '58. (MIRA 11:7)
(Optical coatings)
(Niobium)





MOTIVILOV, O.A.; ROZHDESTVENSKIY, V.N.

Optical properties of thin films of niobium pentoxide in the
infrared spectrum region. Opt.-mekh.prom. 25 no.4:39 Ap '58.
(MIRA 11:10)

(Niobium oxides--Spectra)

ROZHDESTVENSKIY, V.N.

Corrosion protection of diffraction gratings to be used under
tropical conditions. Opt.-mekh.prom. [25] no.3:21-22 Mr '58.
(MIRA 11:9)

(Corrosion and anticorrosives)

ROZHDESTVENSKY, V. N.

May 1948

USSR/Physics
Impact, Electronic
Glass, - Metallization

"The Use of Discharges in Gas for the Preparation of Glass Surfaces for Aluminizing," V. N. Rozhdestvensky, State Ord of Lenin Optical School, 6 pp.

"Zhur Tekh Fizika" Vol XVIII, No 5, 574-584

Description and results of series of experiments on preparation of glass discs for aluminizing. Surface was divided into three annuli; outer covered; inner uncovered, and middle provided with a removable screen. Disc was placed in vacuum apparatus and subjected to ionic bombardment for several periods from and at various intensities. Such aspects of subject as influence of presence of fatty acids on bubble formation are being investigated further. Submitted 27 Oct 1947.

PA 75T98

72598

ROZHDESTVENSKIY, V. P.

"Obtaining Hydrogen by Catalytic Conversion of Natural Gas with Steam." Cand Chem Sci, Petroleum Inst, Acad Sci USSR, 1/ Feb 54. Dissertation (Vuchernaya Moskva Moscow, U.S.S.R.)

See: SU: DRS, 19 Aug 1954

ROZHDESTVENSK(Y), V.P.

✓ Adsorption of gases on asbestos. V. P. Rozhdestvenskii.
Trudy Nauch.-Issledovatel's. inst. Geokhim. M., No. 15
Rasred. 1954, No. 2, 16-8. Purified asbestos, of fine particle size, was isolated and formed into compact cylinders, which were dried and heated to about 800°. The asbestos cylinders, at room temp., adsorbed hydrocarbons and N₂O from gas mixts. The order of adsorptive capacity: pure asbestos > alk. asbestos > pure alkali. The results indicate possible discrepancies in analysis of naturally occurring hydrocarbon-contg. gas mixts., where alk. asbestos is used as a specific absorbant for CO₂ during oxidation of the gas mixt.

✓ E. A. ✓
PM fra (RMF)

FD-1594

USSR/Chemistry

Card 1/1 : Pub. 41-15/18

Author : Obolontsev, R. D.; Rozhdestvenskiy, V. P.; Yen'kov, Yu. V. and Usov, Yu. N.; Sazatov

Title : Obtaining hydrogen by the catalytic conversion of natural gas with water vapor

Periodical : Izv. AN SSSR. Otd. tekhn. nauk 8, 133-146, Aug 1954

Abstract : Investigates manufacture of hydrogen by means of catalytic conversion of natural gas with water vapor. Studies kinetic laws of methane (natural gas) conversion process realizable on laboratory equipment of the flow type in the presence of typical industrial nickel catalyst. Selects optimum procedure, on basis of laboratory data, for industrial equipment. Diagram; tables; graphs. Thirty-one references; 23 USSR.

Institution : Saratov State University imeni N. G. Chernyshevskiy, Bashkir Branch, Academy of Sciences USSR

Submitted : August 7, 1954

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001445710011-7

KOZAKHES TVERSKY, V.P.

Indices of catalytic conversion of methane

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001445710011-7"

✓ Kinetics of catalytic conversion of methane with steam. K. D. Obolentsev and V. P. Rozdestvenskii (Zh. prikl. Khim., 1956, 29, 1881-1885). — The equation $(d[\text{CH}_4]/dt) = k [\text{CH}_4][\text{H}_2\text{O}]/(A[\text{H}_2] + [\text{H}_2\text{O}])$ was applied to the catalytic conversion of CH_4 with steam over Ni at 400-700° with ratio of steam to methane from 3 : 1 to 1 : 1; results were not entirely satisfactory. A. L. B.

Distr: 461.1

km

3

L 02312-67 EWT(m)/T WW/JW/WE

ACC NR: AR6016568

SOURCE CODE: UR/0196/65/000/012/T014/T014

AUTHOR: Rozhdestvenskiy, V. P.; Astaf'yeva, E. A.; Orlov, N. A.69
3

TITLE: Using chromatographic analysis for determining the properties of liquified gas

SOURCE: Ref. zh. Electrotehnika i energetika, Abs. 12T58

REF SOURCE: Sb. Ispol'zn. gaza v nar. kh-ve. Vyp. 3. Saratov, 196 . 276-280

TOPIC TAGS: chromatographic analysis, gas liquefaction, gas composition analyzer, gas chromatography, vapor pressure, heat of combustion

ABSTRACT: The authors study the possibilities and some characteristics of chromatographic analysis of liquified gases in connection with specification of individual cases by GOST 10196-62, and also in connection with testing of new gas-jet units. The work was done on an Kh-4K chromatograph. One of the fractionating columns of the instrument was filled with tripoli treated in mineral oil and soda. It is shown that chromatographic analysis may be used for determining the composition of liquified gas as well as such important parameters as vapor pressure, heat of combustion and specific weight. 2 illustrations, 1 table, bibliography of 8 titles. ["Giproniigaz" Institute]. V. Speysher. [Translation of abstract]

SUB CODE: 07, 20

Card 1/1

UDC: 662.767:543.544

ROZHDESTVENSKIY, V.P., kand. khim. nauk; YEROFEYEVA, V.I., mladshiy nauchnyy sotrudnik; SHKOL'NIKOVA, V.V., mladshiy nauchnyy sotrudnik.

Obtaining hydrogen from the methane-hydrogen fraction of p. pyrolytic gas. Ispol'. gaza v nar. khoz. no.2:199-218-'63.
(MIRA 18:9)

1. Laboratoriya khimicheskoy pererabotki gaza Saratovskogo gosudarstvennogo nauchno-issledovatel'skogo i proyektnogo instituta po ispol'zovaniyu gaza v narodnom khozyaystve.

L 53601-65 EWT(m)/EPF(c) Pr-4 RM

ACCESSION NR: AP5010997

UR/0204/65/005/002/0204/0210

AUTHORS: Rozhdestvenskiy, V. P.; Ierofeyeva, V. I.

10

13

C

TITLE: Catalytic reforming of propane with water vapor

SOURCE: Neftekhimiya, v. 5, no. 2, 1965, 204-210

TOPIC TAGS: catalytic reforming, propane, catalyst, temperature dependence /
GIAP 3 nickel catalyst

ABSTRACT: The reforming of propane with water vapor at a vapor-propane ratio of 6:1 was studied by using a flow-through setup in the presence of nickel catalyst (GIAP-3) at temperatures of 500, 600, and 700°C and with volumetric feed of propane ranging from about 400 to 20 000 hr⁻¹. The dependence of degree of propane reforming and dependence of composition of the reformed gas on contact time were determined. These data, determining equilibrium reforming, are illustrated in Fig. 1 on the Enclosure. It was found that the reformed gas corresponding to the limiting degree of conversion contains unreformed propane along with methane. The limiting values of total conversion were found to be 75, 86, and 92% for the temperatures 500, 600, and 700°C respectively. The degrees of conversion following the equations

Card 1/3

L 53601-65

ACCESSION NR: AP5010997

3



for the same temperatures are 39, 60, and 82% respectively. The apparent activation energy for total conversion of propane is 12.3 kcal/mole. It is concluded that these data are of great practical value for selecting conditions to produce the desired kind of gas. "V. V. Shkol'nikov and Z. I. Sinyachkin participated in the work leading to the present paper, and the authors express their thanks to them." Orig. art. has: 3 figures, 1 table, and 3 formulas.

ASSOCIATION: Saratovskiy Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut po ispol'zovaniyu gaza v narodnom khozyaystve (Saratov State Scientific Research and Planning Institute for the Use of Gas in the National Economy)

SUBMITTED: 13Ju164

ENCL: 01

SUB CODE: OC, FP

NO REF Sov: 008

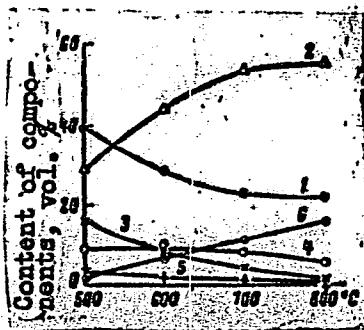
OTHER: 010

Card 2/3

L 53601-65

ACCESSION NR: AP5010997

ENCLOSURE: 01



APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R001445710011-7
Dependence of equilibrium composition of the gas on temperature

1 - H₂O; 2 - H₂; 3 - CH₄; 4 - CO₂; 5 - C₃H₈; 6 - CO

BAB

Card 3/3

ROZHDESTVENSKIY, V.P.; KOSYAGIN, V.G.

Reduction of iron oxide by converted natural gas and conversion hydrogen in a fluidized bed at atmospheric pressure.
Zhur. prikl. khim. 36 no.9:1898-1905 D '63.

(MIRA 17:1)

1. Saratovskiy nauchno-issledovatel'skiy institut po ispol'zovaniyu gaza v narodnom khozyaystve.

ROZHDESTVENSKIY, V.P.; STROKOVA, T.P.; VOLGINA, N.M.

Interaction between mixtures of a liquefied gas with water
vapor and iron oxide. Zhur. prikl. khim. 36 no.9:1987-1993
(MIRA 17:1)
D '63.

1. Saratovskiy nauchno-issledovatel'skiy institut po ispol'-
zovaniyu gaza v narodnom khozyaystve.